



Name _____

Hour _____ Date _____

Halloween Activity

Algebra 1

Work each problem. Then write the answers as an ordered pair (a, b) and follow the instructions for graphing on the sheet provided.

Right Eye

1. a. Evaluate: 5^0

b. Solve using an undo table:

$$\frac{3(x+2)}{5} = 3$$

2. a. Evaluate: $7 - (3 - 9) - 6$

b. Solve: $\frac{3}{2}x = 6$

3. a. Simplify: $6 - 2(x - 2)$
 $= 6 - 2x + \underline{\hspace{1cm}}$

b. Find y if $x = 0$
 $2x - 3y = -21$

Plot the points from #1, 2, 3, and connect the points.

Left Eye

4. a. Simplify: $\frac{-8 - 7}{-28}$.

b. Evaluate $x + 2^2$ when
 $x = -4$

5. a. Solve: $3m + 2m = -25$

b. Find the product $6\frac{2}{3} \cdot 1\frac{1}{5}$

6. a. What is the only integer in this group
of numbers: $\sqrt{5}$, -6 , $\frac{3}{4}$?

b. Solve: $6x - 2 - 2x - 1 = 2$

Plot the points from #4, 5, 6, and connect the points.

Nose

7. a. Simplify: $6x + 3x - 5x - 4x$

b. Simplify: $3x + 5x - 8x - 10 + 9$

8. a. Simplify: $\frac{12y-8}{-4}$

b. Solve: $-8 - 6x = -7 - 5x$

$= -3y + \underline{\hspace{2cm}}$

9. a. Find x when y = 0
 $4x + 6y = -12$

b. Find y when x = 0
 $4x + 6y = -12$

Plot the points from #7, 8, 9, and connect the points.

Mouth

10. a. Solve: $4x = -16$

b. Solve: $\frac{1}{6}x = -\frac{1}{2}$

11. a. Solve: $-\frac{4}{3} = \frac{2}{3}z$

b. Evaluate: $-42\left(\frac{1}{6}\right)$

12. a. Simplify: $\frac{2^2 - 8}{-2}$

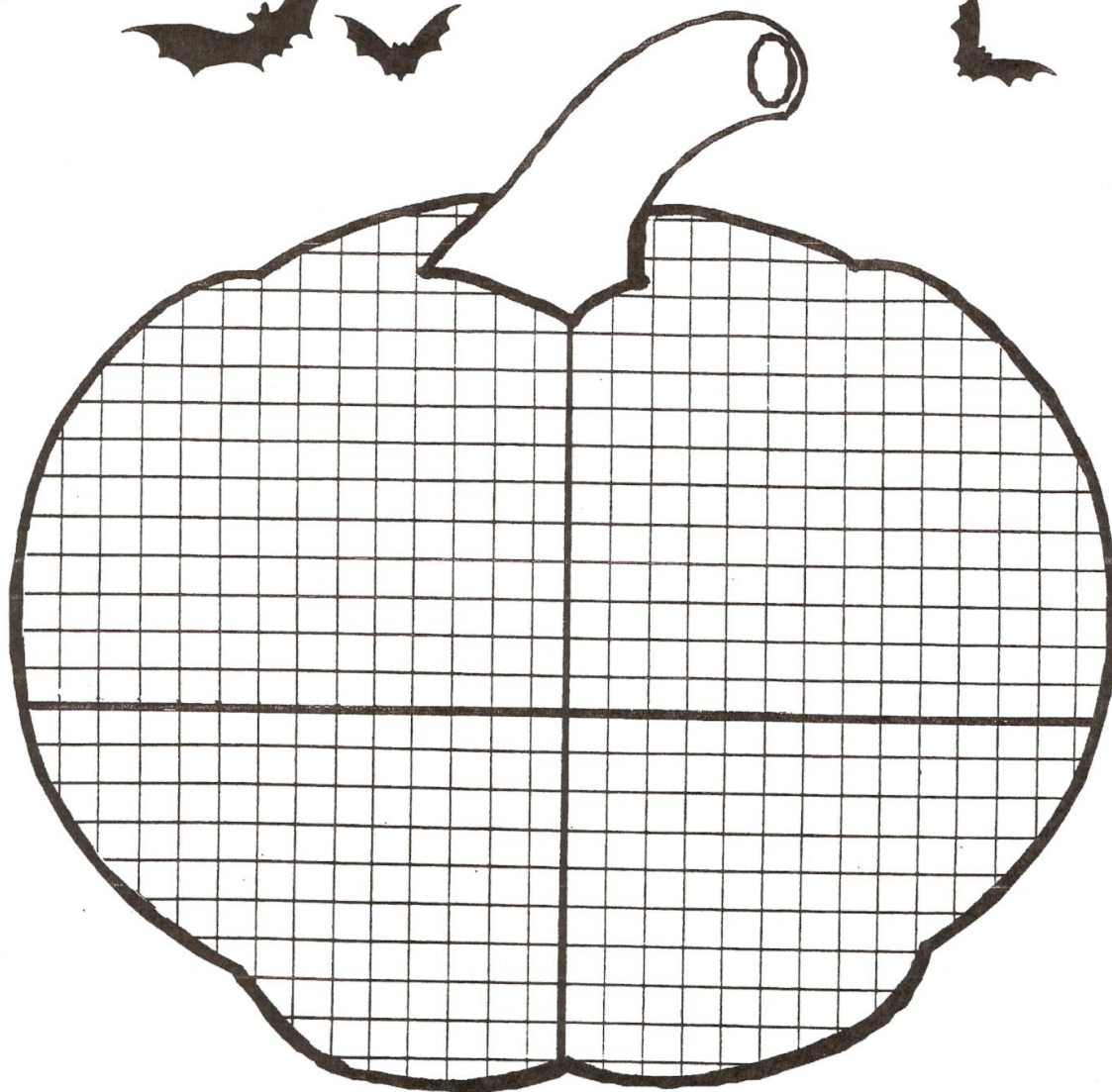
b. Solve: $-2x - 9 = 3$

13. a. What is the number that
Is the same in both points?
(-1, 4) and (5,4).

b. Find the mean of 1, -3, -10.

Plot the points from #10, 11, 12, 13, and connect the points in order.

Happy



Halloween!

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